

## Product Highlights

- Operating temperature up to +150°C (+302°F)
- Excellent abrasion resistance
- Color coded yellow for critical assemblies
- Self-wrapping design allows for break-outs
- Lightweight, flexible & easy to install

## Typical Applications

- Airbag wire harnesses
- Other applications requiring yellow identification

**TwistTube® 2425F** is a self-wrapping sleeve designed to provide mechanical protection and acoustical noise suppression. Woven of both monofilament and multifilament polyester yarns the product offers a high level of component protection and is both flexible and lightweight. Colored yellow, TwistTube 2425F is commonly used to identify critical assemblies such as airbags.

The polyester construction eliminates problems associated with trapped heat and humidity and also eliminates operator skin irritation during assembly.

TwistTube 2425F offers superior abrasion protection and maintains a circular profile when flexed. Its self-wrapping design allows for quick and easy bundling of wire and cable assemblies. The unique design easily allows for breakouts and can be installed over completed assemblies.



Our manufacturing sites are certified ISO 9001, IATF 16949, or AS/EN 9100, ISO 14001 and ISO 45001 (Selected Sites)

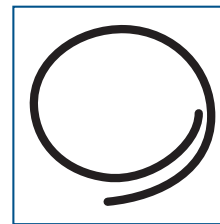
# Performance Data – TwistTube® 2425F

Property	Test Method	Result
Operating Temperature	240 hours at +175°C (+150°C rating) ISO 6722	Pass +150°C (+302°F) No visible degradation nor loss of flexibility - Shrinkage < 10%
Flammability	FMVSS 302 D45 1333	Pass Self extinguishing Type B
Low Temperature Flexibility	SAE J2192	Pass -70°C (-94°F)
Acoustic Performances	SAE J2192	Rubbing: > 15 dB (A) Rattling: < 10 dB (A)
Fluid Resistance	D47 1924	No visible degradation or alteration after being exposed to the following test cycles: <ul style="list-style-type: none"> <li>• Immersion for 15s at 23°C, followed by a drying period of <ul style="list-style-type: none"> <li>– 24h at 150°C: motor oil, automatic transmission fluid, manual transmission oil.</li> <li>– 24h at 23°C: zinc chloride, brake fluid.</li> </ul> </li> <li>• Immersion for 48h at 70°C, followed by a drying period of 24h at 23°C: <ul style="list-style-type: none"> <li>– Urea of clean up Ad blue.</li> </ul> </li> <li>• Immersion for 24h <ul style="list-style-type: none"> <li>– At 40°C, followed by a drying period of 4h at 23°C: for gazole, unloaded petrol 98, Std fuel C + 15% methanol, E85 bio ethanol.</li> <li>– At 70°C, followed by a drying period of 4h at 23°C, for windscreen washer.</li> <li>– At 118°C, by a drying period of 4h at 23°C, for engine coolant.</li> </ul> </li> </ul>

All numeric performance data shows average or typical values. Please consult your sales representative for product drawings, test reports and OEM approvals.

## Construction and Typical Product Characteristics

<b>Warp Yarn:</b>	Polyester (PET) multifilament
<b>Fill Yarn:</b>	Polyester (PET) monofilament



End view of TwistTube 2425F illustrating self-curling wrappable construction with nominal overlap.

## Availability

A variety of sizes are offered. Additional sizes could be available upon request. Please contact us for details.

Available in spools and custom cut lengths. Recommended cut lengths are in 5mm increments. Please see regional drawings for cut length tolerances.

Standard color is yellow.

Please consult your local sales representative for regional packaging details and standards.

TwistTool is available as an installation aid for sizes 5, 8 and 13 mm.